

ABSTRACT OF THE DISCLOSURE.

An apparatus for measuring the viscosity of a fluid having a first rigid

5 member extending from a body of semiconductor material and provided with a first conductive path and a second resiliently flexible member provided with a second conductive path and arranged in cantilever fashion over the rigid member. At least one of the conductive paths may be selectively energized to bring about relative movement between the rigid and flexible member.

10 Subsequent deenergization of the path causes the resiliently flexible member to return to its initial position, the rate of return being measured to derive a signal representative of the viscosity. Also described are methods of carrying out the measurement and of fabricating the apparatus.